

INTERNATIONAL SEARCH REPORT

10/542059

Ref'd PCT/04/036291 17 JUL 2005

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L12/28 H04B1/20 G08C19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L G08C H04B H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 912 463 A (LI MARSHALL) 27 March 1990 (1990-03-27)	1,2,4,5, 7-11
A	abstract column 1, line 31 -column 2, line 49 column 3, line 54 -column 4, line 31 REUSCH D: "IRDA SOLL SCHNELLER WERDEN" FUNKSCHAU, FRANZIS-VERLAG K.G. MUNCHEN, DE, vol. 72, no. 18, 20 August 1999 (1999-08-20), pages 24-26, XP000930821 ISSN: 0016-2841 page 24 -page 25, left-hand column	3,6
A		1-11

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the International search

9 June 2004

Date of mailing of the International search report

17/06/2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/06291

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4912463	A 27-03-1990	NONE	